

INTERNATIONAL SEARCH REPORT

PCT/IB 03/04304

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B66B19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B66B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 245 522 A (INVENTIO AG) 2 October 2002 (2002-10-02) cited in the application	14
A	the whole document	1-13
X	US 2002/066622 A1 (VAN DER MEIJDEN GERT ET AL) 6 June 2002 (2002-06-06)	14
A	paragraphs '0024!', '0025!	1-10
X	DE 196 23 021 A (AFB ANLAGEN UND FILTERBAU GMBH) 11 December 1997 (1997-12-11)	11-13
	column 2, line 19 -column 4, line 10	
X	DE 100 40 492 A (GEHRIG JOHANN) 28 February 2002 (2002-02-28)	11-13
	column 4, line 30 -column 5, line 5	
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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& document member of the same patent family

Date of the actual completion of the international search

24 May 2004

Date of mailing of the international search report

09/06/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5618 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Eckenschwiller, A

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PCT/IB 03/04304

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 899 712 A (THAMES SACK & BAG COMPANY LTD) 27 June 1962 (1962-06-27) page 3, line 5-100 -----	11-13

INTERNATIONAL SEARCH REPORT

PCT/IB 03/04304

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 1245522	A	02-10-2002	EP	1245522 A1	02-10-2002
US 2002066622	A1	06-06-2002	FI	970969 A	08-09-1998
			FI	101783 B1	31-08-1998
			AT	217295 T	15-05-2002
			AU	737295 B2	16-08-2001
			AU	6625498 A	29-09-1998
			BR	9805943 A	31-08-1999
			CA	2253267 A1	17-09-1998
			CN	1217703 A	26-05-1999
			CN	1102908 B	12-03-2003
			DE	69805257 D1	13-06-2002
			DE	69805257 T2	29-08-2002
			DK	904247 T3	19-08-2002
			EP	0904247 A1	31-03-1999
			ES	2173571 T3	16-10-2002
			WO	9840305 A1	17-09-1998
			JP	3280038 B2	30-04-2002
			JP	11513965 T	30-11-1999
			PT	904247 T	31-10-2002
			RU	2196096 C2	10-01-2003
			US	6357556 B1	19-03-2002
			AT	243160 T	15-07-2003
			AU	723078 B2	17-08-2000
			AU	6625398 A	29-09-1998
			BR	9805937 A	31-08-1999
			CA	2253269 A1	17-09-1998
			CN	1217702 A	26-05-1999
			CN	1217702 T	26-05-1999
			DE	69815613 D1	24-07-2003
			DE	69815613 T2	04-12-2003
			DK	904246 T3	13-10-2003
			EP	0904246 A1	31-03-1999
			ES	2201450 T3	16-03-2004
			WO	9840304 A1	17-09-1998
			HK	1017876 A1	03-01-2003
			JP	3126988 B2	22-01-2001
			JP	11513964 T	30-11-1999
			KR	2000010689 A	25-02-2000
			PT	904246 T	31-10-2003
			RU	2154014 C1	10-08-2000
			US	6138797 A	31-10-2000
DE 19623021	A	11-12-1997	DE	19623021 A1	11-12-1997
DE 10040492	A	28-02-2002	DE	10040492 A1	28-02-2002
GB 899712	A	27-06-1962	NONE		